

no new matter is deemed to be added. In particular, main method Claims 21 and 35 are amended to define that:

(a) the plurality of software entities (“molecules”) are to be deployed in a remote computing environment and configured with signal handling software micro-components for sending and receiving communication signals to or from a source externally of the respective molecule;

(b) said signal handling micro-components of each molecule being operatively connected to a selected one of a plurality of method handling software micro-components for processing input data by a respective selected method;

(c) deploying a first molecule with method handling software component for a respective selected first data processing method, ... together with a library containing a plurality of method handling software components for a corresponding plurality of data processing methods which may be selectively invoked in the remote computing environment;

(d) .wherein each first molecule invokes a next subsequent molecule with a method handling software component retrieved from the library for implementing a next selected data processing method, and similarly for subsequent molecules, at least one of which is selected in response to receipt of a communication signal from the external source, thereby creating a “logic web” of molecules of successive data processing methods in successive layers of incremental processing steps to incrementally extend said logic web “on the fly” in response, at least in part, to communication signals from the external source.

In contrast to the claimed invention as now defined in amended Claims 21 and 35, the Huckins patent discloses a system of remote and local machines in which a remote machine can invoke a processing function on the local machine by sending a signal containing an interface identifier for the function (FID) to be performed. The remote machine only creates an instance of itself through the local interface (LI) on the local machine. Then when the remote machine sends an identifier of the data unit to the local machine to be processed locally, the local interface LI performs a local implementation of the function on the identified data. Huckins requires a copy of the same application to be running on the remote and local machines (see col. 1, lines 9-20, col. 4, lines 1-11, and Fig. 1) in a scheme of remote application control, such as used for videoconferencing and conducting meetings between computers linked to each other. In contrast, the invention as claimed enables the local “logic web” to implement any selected data handling method out of a plurality of data handling methods stored in a library on the local machine, so that

the logic web is incrementally extended "on the fly" in response, at least in part, to communication signals sent from an external source. This is a distinctly different method of "on the fly" remote computing not disclosed or suggested in the Huckins patent. Depending Claims 22-34 and 36-40 are deemed to be patentably distinct on the same grounds.

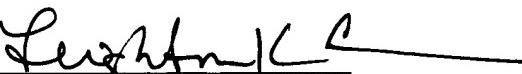
In summary, Claims 21-40 are deemed to be patentably distinct over the cited prior art and in condition for allowance, and it is requested that a Notice of Allowance be issued therefor upon reconsideration.

This response is filed with a certificate of mailing within the time allowed for response (on the Monday following a weekend due date), and with total and independent claims after amendment numbering within the limits originally paid for with the filing fee. However, if any fees are deemed to be due for acceptance of this response, authorization is hereby given to charge our Deposit Account No. 502633.

CERTIFICATE OF MAILING:

The undersigned certifies that the foregoing is being mailed on , by depositing it with the U.S. Postal Service, first class postage paid, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,  
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